BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the

	invention entitled:	,	budgeet matter which is claimed and	for which a patent is sought on the		
Insert Title:	NOVEL ARTIF	CICIAL NUCLEIC ACIDS	OF N-O BOND CROSSLINKA	CF TVDF		
Fill in Appropri	ate the specification of v	which is all all and a				
Information -						
For Use Without	t United States A	pplication Number	ched hereto,	as		
Specification Attached:	and amended o	n		·		
· mached.	International A	was filed on August 25, 2004		(if applicable) and/or		
	amended under	PCT Article 10	/012173	as PCT		
	I have to the state of	TCI Article 19 on		and was (if applicable)		
	amended by any ame	amended under PCT Article 19 on I hereby state that I have reviewed and understand the contents of the above-identified special amended by any amendment referred to above. I acknowledge the duty to disclose information				
	I acknowledge	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal I do not know and do not believe the same and the above-literative specification, including the claims, as Regulations, §1.56. I do not know and do not believe the same and the above-literative specification, including the claims, as				
	Regulations, §1.56. I do not know as	I do not know and do not believe the same was ever known or used in the United States of America before my or our invention year prior to this application, that the same was ever known or used in the United States of America before my or our invention year prior to this application, that the same was ever known or used in the United States of America before my or our invention year prior to this application, that the same was ever known or used in the United States of America before my or our invention year prior to this application, that the same was ever known or used in the United States of America before my or our invention.				
	prior to this application date of this applicate of this applicate representative or assipatent or inventor's capplication by me or I hereby claim foor inventor's certificate a filing date before that	on, that the invention has not beer ion in any country foreign to the igns more than twelve months (six ertificate on this invention has been in legal representatives or assigns, oreign priority benefits under Title e listed below and have also identiat of the application on which prior	r known or used in the United States of a stion in any country before my or our i public use or on sale in the United State a patented or made the subject of an inverse United States of America on an application of the United States of America on an application for designs) prior to this application for the United States Code, §119(a)-(d) of articled below any foreign application for parity is claimed:	tes of America more than one year entor's certificate issued before the plication filed by me or my legal		
Impact D. C.	Prior Foreign Appli	cation(s)				
Insert Priority Information:	304847/2003			Priority Claimed		
(if appropriate)	(Number)	Japan	_8/28/2003	<u> </u>		
,	(* * ==================================	(Country)	(Month/Day/Year Filed)	团 口 Yes No		
	(A) 1		,			
	(Number)	(Country)	(Month/Day/Year Filed)			
			(seems, sup, real rifett)	Yes No		
	(Number)	(Country)	(Month/Day/Year Filed)	Yes No		
	(Number)	(Country)				
	Thombs als at a		(Month/Day/Year Filed)			
	Thereby Claim the bene	fit under Title 35, United States Cod	le, §119(e) of any United States provision	al applications (a) list 11.1		
Insert Provisional			- F-0 visitor	ar applications(s) listed below.		
Application(s): (if any)	(Application Number)		(Filing Date)			
(II ally)			(Filling Date)	— ——		
	(Application Number)					
			(Filing Date)			
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:					
	Country	Application Numb	or D. C.			
Insert Requested Information: (if appropriate)			er Date of Filing (Mo	nth/Day/Year)		
	information which is made	town land by the first paragraph o	e, §120 of any United States and/or PCT s application is not disclosed in the pr f Title 35, United States Code, §112, I ac I in Title 37, Code of Federal Regulation nal or PCT international filing date of the	or office States and/or PCT		
Insert Prior U.S.		<u> </u>		e abhtication'		
Application(s): (if any)	(Application Number)	(Filing Date)	(Status - patented, p	pending, abandoned)		
	(Application Number)	(E:1: D				
Page 1 of 2 (Rev. 06/29/01)	· · · · · · · · · · · · · · · · · · ·	(Filing Date)	(Status - patented, p	ending, abandoned)		

I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ull Name of First or Sole Inventor: nsert Name of Inventor nsert Date This Document is Signed	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
nsert Date This Document is Signed	Takeshi, IMANISHI	Takeshi gmanis	Dec. 12, 2006				
nsert Residence nsert Citizenship →	Residence (City, State & Country)	CITI	ZENSHIP				
•	Nara-shi, Nara		Japanese				
nsert Post Office Address →	MAILING ADDRESS (Complete Street Address						
	2-18, Chiyogaoka 2-chome, Nara-shi, Nara 631-0045 Japan						
ull Name of Second Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
see above	Satoshi, OBIKA	Satishi Olika	Dec. 12, 2006				
	Residence (City, State & Country)	CITIZ	ZENSHIP				
	Takatsuki-shi, Osaka		Japanese				
	MAILING ADDRESS (Complete Street Address						
	2034, Hiyoshidai Yonbancho, Takatsuki-shi, Osaka 569-1022 Japan						
ull Name of Third Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
see above	Kazuyuki MIYASHITA	Kazuyaki miyashita	Dec. 12, 2006				
	Residence (City, State & Country)	CITIZ	ZENSHIP				
	Minoo-shi, Osaka		Japanese				
	MAILING ADDRESS (Complete Street Addres	MAILING ADDRESS (Complete Street Address including City, State & Country)					
	22-10, Hanjo 2-chome, Minoo-shi, Osaka 562-0044 Japan						
all Name of Fourth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
	Residence (City, State & Country)	СПІЗ	ZENSHIP				
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
ll Name of Fifth							
Il Name of Fifth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
	Residence (City, State & Country)	CITIZ	CENSHIP				
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
ll Name of Sixth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*				
	Residence (City, State & Country)	CITIZI	ENSHIP				
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
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^{*}DATE OF SIGNATURE